

ABSTRACT

A circuit having a plurality of driver IC's 101-1 to 101-n provided corresponding to divided areas of a display panel 102, each driver having an output circuit for outputting a supplied reference current IREF as a drive current to corresponding divided areas DRVA1 to DRVAn of the display panel 102 and reference current source circuits 200-1 to 200-n for sampling and holding the reference current input from the reference current input terminal, then supplying the same to the output circuit, the reference current input terminal being connected to the reference current input terminal of another driver by a common current interconnect CML1, and the reference current being distributed to the reference current source circuits of drivers by time division.

According to the present invention, luminance steps among drivers driving the display (driven object) by division can be made sufficiently small, and a large size, high dynamic range display organic EL display which cannot be realized by the conventional method of supply of the reference current can be realized.